UI Bulletin #173b

Subject: Installing Ground Straps (UN9)

Models Years Affected: 2021

Models Affected: Chevrolet Tahoe PPV (9C1) and SSV (5W4)

Origination Date: November 10, 2020

Revision Date: February 24, 2021

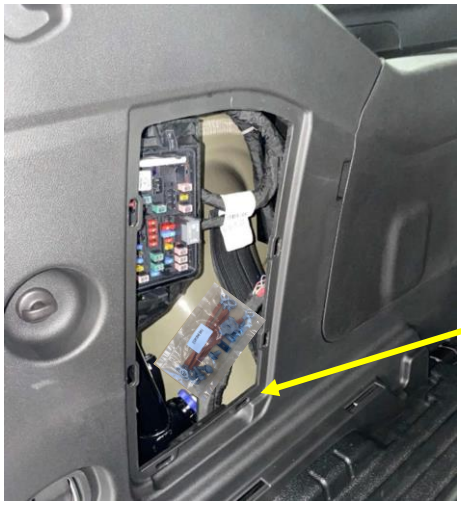
ADVISORY:

Condition/Concern:

GM Dealers and Upfitters requiring instructions/guidelines pertaining to the installing of the grounding straps provided with the option UN9

Kit Contents/Shipped location

Part number	Part Description	Qty
AI-10-0021-REVA	Ground Strap	5
11516885	Bolt, M8x1.25-20	8
11514596	Flange nut, M8	4
11516994	Screw, exhaust pipe hanger rod	2
15149848	J-clip	2
9431352	U-nut	2



Kit is shipped in the rear electrical center behind the close out cover

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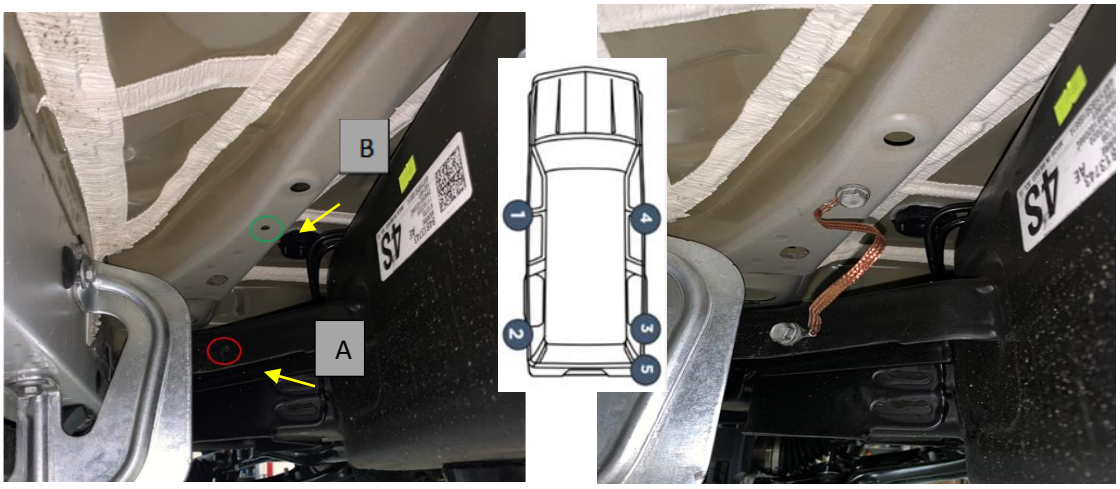
Installation Instructions

IMPORTANT: All areas must be cleaned of the anti-corrosion coating prior to the ground strap installation and fastening to obtain a proper grounding surface for the strap.

Install Ground Strap location 1 - LF

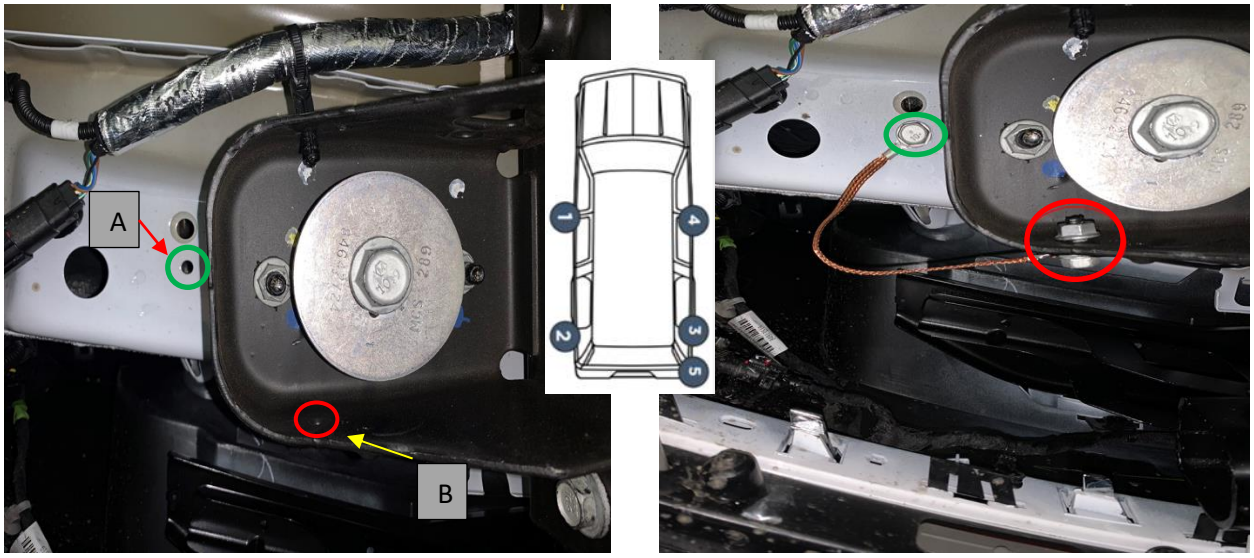


Fasten 1 provided ground strap from left front frame body mount bracket using an M8x1.25 bolt/screw and an M8 nut using the provided hole in the back wall of the bracket (A) (position the ring terminal neck as shown) to a provided hole (B) on the backside of the body cross member using a M8x1.25 bolt/screw (position the ring terminals as shown).

Body screw torque = 36 +/- 4 lb.-in (4.0 +/- 0.5 N-m)

Frame bolt/nut torque = 70 +/- 10 lb.-in (8.0 +/- 1.0 N-m)

Install Ground Strap location 2 LR



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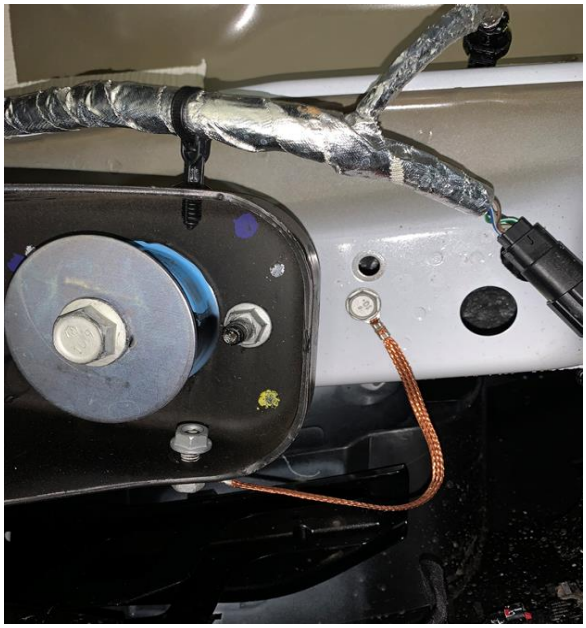
Fasten 1 provided ground strap from left front frame body mount bracket using an M8x1.25 bolt/screw and an M8 nut using the provided hole in the back wall of the bracket (A) (position the ring terminal neck as shown) to a provided hole (B) on the backside of the body cross member using a M8x1.25 bolt/screw (position the ring terminals as shown).

Body screw torque = 36 +/- 4 lb.-in (4.0 +/- 0.5 N-m)

Frame bolt/nut torque = 70 +/- 10 lb.-in (8.0 +/- 1.0 N-m)

Install Ground Strap location 3 - RR



NOTE: RR location (#3) is a mirrored location of LR location (#2)

Fasten 1 provided ground strap from left front frame body mount bracket using an M8x1.25 bolt/screw and an M8 nut using the provided hole in the back wall of the bracket (A) (position the ring terminal neck as shown) to a provided hole (B) on the backside of the body cross member using a M8x1.25 bolt/screw (position the ring terminals as shown).

Body screw torque = 36 +/- 4 lb.-in (4.0 +/- 0.5 N-m)

Frame bolt/nut torque = 70 +/- 10 lb.-in (8.0 +/- 1.0 N-m)

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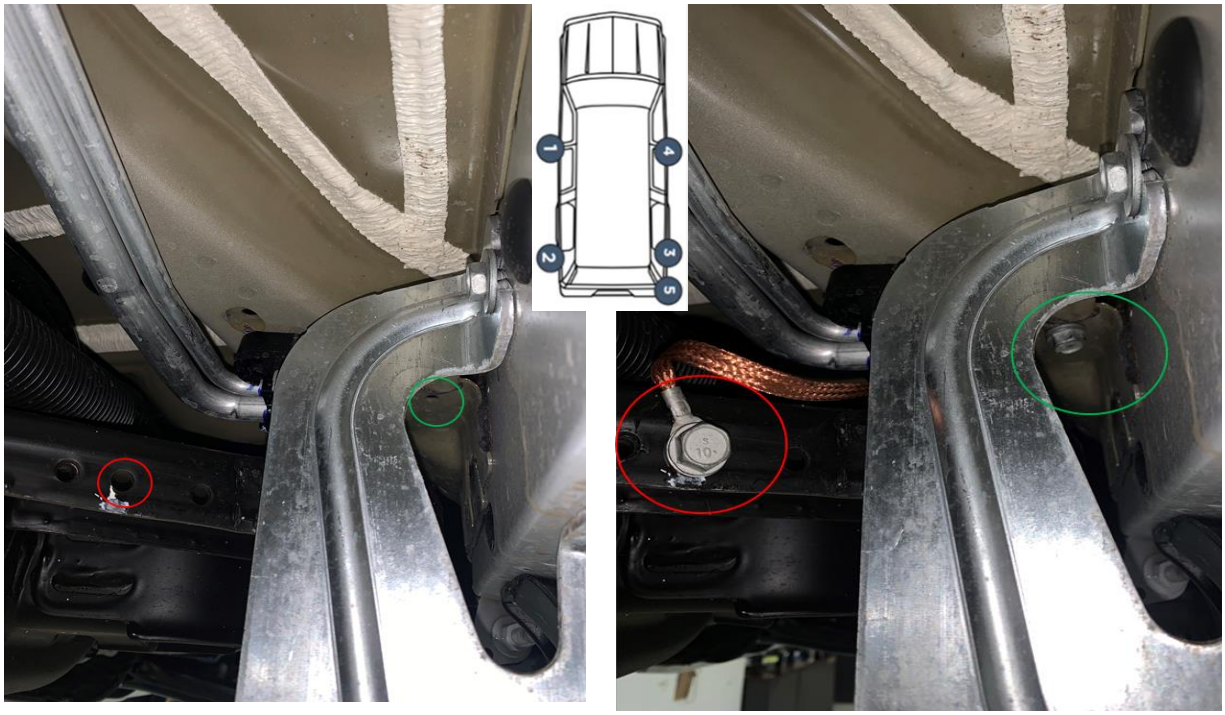
Install Ground Strap location 4 RF



Fasten 1 provided ground strap from left front frame body mount bracket using an M8x1.25 bolt/screw and an M8 nut using the provided hole in the back wall of the bracket (A) (position the ring terminal neck as shown) to a provided hole (B) on the backside of the body cross member using a M8x1.25 bolt/screw (position the ring terminals as shown).

Body screw torque = 36 +/- 4 lb.-in (4.0 +/- 0.5 N-m)

Frame bolt/nut torque = 70 +/- 10 lb.-in (8.0 +/- 1.0 N-m)

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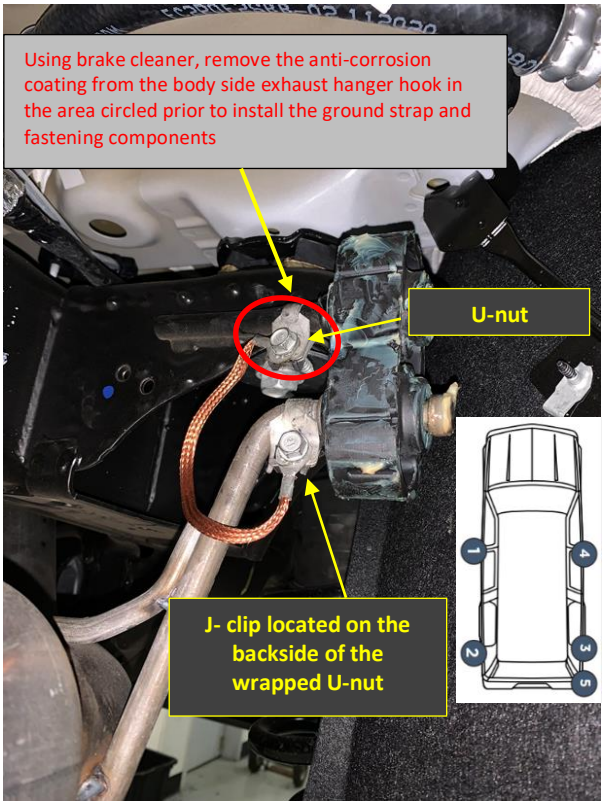
Install Ground Strap location 5 RR


Using brake cleaner, remove the anti-corrosion coating from the body side exhaust hanger hook in the area circled prior to install the ground strap and fastening components
U-nut
J- clip located on the backside of the wrapped U-nut
1
2
3
4
5

Clean the area of the exhaust hanger hook as noted in the picture above. Using a U-nut (P/N 9431352) and a J-Clip (P/N 15149848) Install a ground strap as shown from the body/frame exhaust hanger hook to the muffler/exhaust system hanger hook.

J-clip Bolt Torques - 27 +/- 3 lb.-in (3.0 +/- 0.3N-m)

Additional Information:

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